

Construction Update

Coastal GasLink

November 19, 2020

Numbers as available at the end of October 2020 unless otherwise noted

Construction highlights

The numbers are adding up to big wins along the Coastal GasLink route. Peak pipeline construction is underway and work on our facilities continues to advance.

Additional 528 workers in the field

Our field workforce exceeded 4,000 workers in November including those constructing our natural gas pipeline and related facilities, and in the areas of engineering and environment. Information on the diverse employment and contracting opportunities can be found at CoastalGasLink.com/Employment.

Grading underway in Section 3

In October, grading began in Section 3, with 11% of this activity now complete. Grading is also underway in six of our eight sections. Read more about grading and the other [stages of construction](#).

Section 5 joins the pipe installation club

October saw a series of pipe installation activities begin in Section 5, while Section 4 became the first section to achieve pipe installation beyond the half-way mark at 55%.

9A Lodge welcomes 81 workers

The latest addition to our operational workforce accommodation sites is 9A Lodge. Located near the west side of Section 7, many of the workers from this location are involved in Section 8 work, which is why the 9A Lodge is reported as being part of Section 8. [Learn more](#) about our workforce accommodation sites.

Installation of 2,500 piles at Wilde Lake Compressor Station

Coastal GasLink couldn't deliver clean Canadian natural gas to LNG Canada's Kitimat liquefaction facility without the Wilde Lake Compressor Station, TC Energy's largest natural gas compressor station built in a single phase, located 670 kilometres away, near the Dawson Creek area. [Learn about this facility](#), its progress and the opportunities we're bringing to local communities.

Performance at a glance:



34.6%

Overall progress*

*includes all engineering, procurement and construction activities



18.8%

Construction progress



4,016

workers across the project route as of Oct. 31, 2020

Under Construction

- ◆ Coastal GasLink Metering Facility
- ▲ Coastal GasLink Compression & Metering Facility

Potential Future Facilities

- ▲ Coastal GasLink Compression Facilities (TBD)
- LNG Canada Facility (3rd party)



1 Section 1: Monthly Construction Update

At a glance:



84%
cleared, includes
right-of-way and
ancillary sites*



79%
of grading
completed



45%
of pipe installed, includes
activities from stringing
through to backfilling



95
workers at
Sanataa Lodge

*Clearing percentages have been adjusted as a result of updated estimates.

Section 1

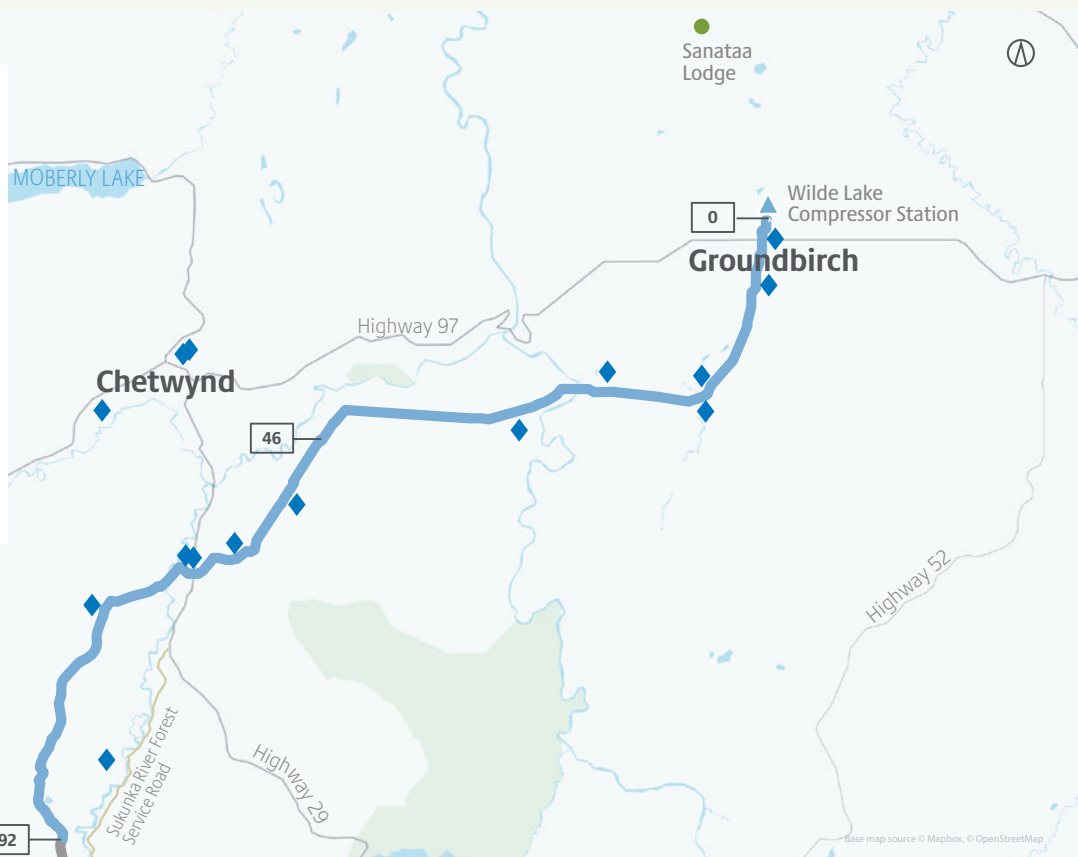
Location: West of Dawson Creek to south of Chetwynd

Length: 92 kilometres

Prime Contractor: Surerus Murphy Joint Venture

Workforce Accommodations: One Workforce
Accommodation – Sanataa Lodge

- Project Right-of-Way (Section 1)
- Workforce Accommodation Site
- ◆ Storage Area (Where construction equipment and materials are stored)
- Kilometre Post Markings (KP)
- ▲ Wilde Lake Compressor Station



Key activities:

- Construction ongoing including access, clearing, grubbing, grading, stringing, bending, welding, coating, trenching, lowering in and backfilling
- Continued casing installation for Murray River horizontal directional drilling (HDD)

Look ahead*:

- Continue clearing including heli-logging of steep slopes
- Mainline construction ongoing
- Continue Murray River HDD casing installation and initiate HDD pilot
- Increased traffic to transport pipe from storage sites to project route
- Drone, burning and controlled blasting activities as required

*All schedules are subject to change

Wilde Lake Compressor Station

Key activities

- Completed main site rough grading and continued piling work
- Completed concrete compressor block foundations for units 1 and 2
- Started structural steel installation for the air-cooled heat exchangers
- Completed upgrades for the site access road

Look ahead*:

- Continue piling and pouring concrete foundations
- Unit 1 compressor skids set to arrive and be placed on foundation
- Install air-cooled heat exchangers

*All schedules are subject to change

② Section 2: Monthly Construction Update

At a glance:



76%

cleared, includes right-of-way and ancillary sites*



0%

of grading completed



0%

of pipe installed, includes activities from stringing through to backfilling



353

workers at Sukunka Lodge

**Clearing percentages have been adjusted as a result of updated estimates.*

Section ②

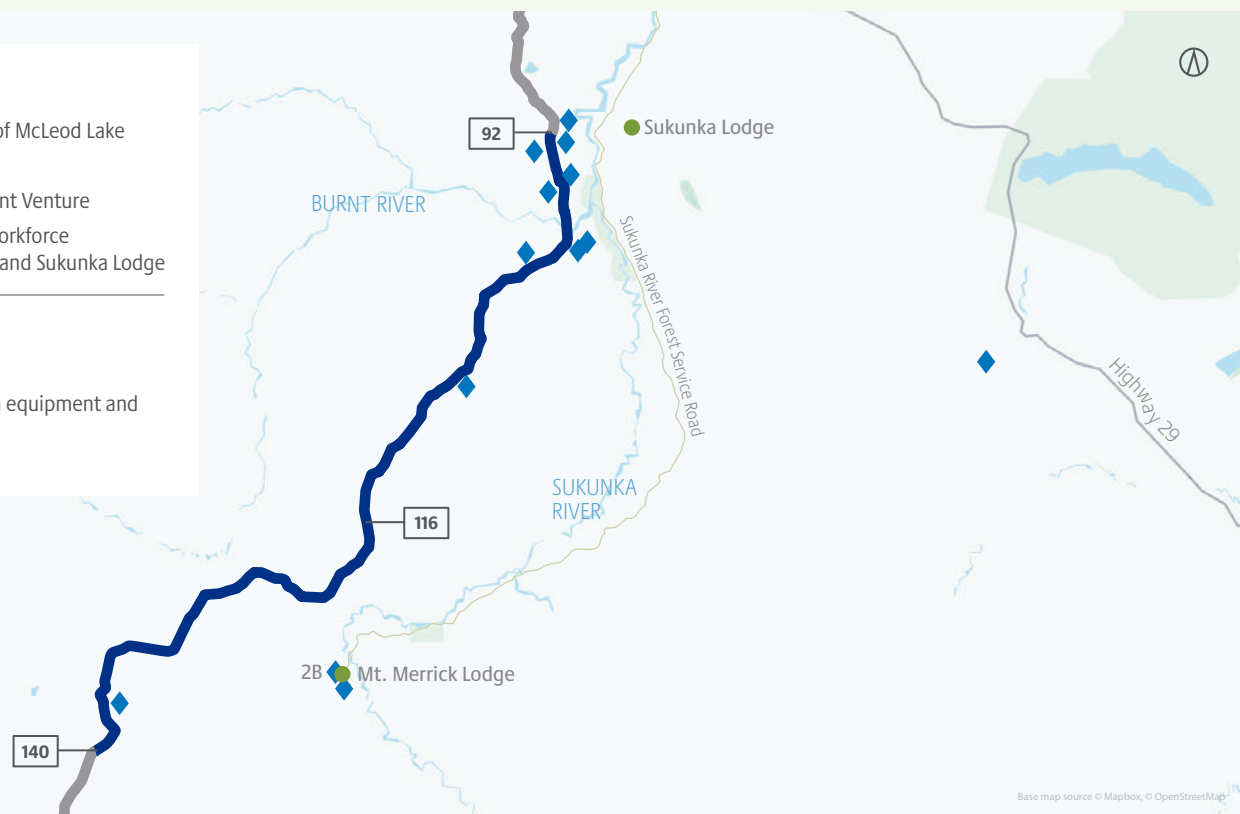
Location: South of Chetwynd to east of McLeod Lake

Length: 48 kilometres

Prime Contractor: Surerus Murphy Joint Venture

Workforce Accommodations: Two Workforce Accommodations – Mt. Merrick Lodge and Sukunka Lodge

- Project Right-of-Way (Section 2)
- Workforce Accommodation Site
- ◆ Storage Area (Where construction equipment and materials are stored)
- Kilometre Post Markings (KP)



Key activities:

- Construction ongoing including access, clearing and grubbing
- Civil works underway at 2B site to develop Mt. Merrick Lodge

Look ahead*:

- Clearing including hand-felling and heli-logging of steep slopes
- Grading of key areas along the project route
- Continue civil works at 2B site to develop Mt. Merrick Lodge
- Increased traffic to transport pipe from storage sites to project route
- Drone, burning and controlled blasting activities as required

**All schedules are subject to change*

Did you know?

Mt. Merrick received its name from the Canadian government in 1961 to recognize Cpl. Keith Warren Merrick, who lived in the Pouce Coupe area, but was killed in battle as his regiment advanced towards German troops in Italy in May 1944. This Remembrance Day, Coastal GasLink shared how one of our team members honoured the memory of Cpl. Merrick. Read about this story and our Mt. Merrick Lodge at [CoastalGasLink.com](https://www.coastalgaslink.com).

3 Section 3: Monthly Construction Update

At a glance:



93%

cleared, includes right-of-way and ancillary sites



11%

of grading completed



0%

of pipe installed, includes activities from stringing through to backfilling



391

workers at Parsnip Lodge

Section 3

Location: East of McLeod Lake to north of Prince George

Length: 104 kilometres

Prime Contractor: SA Energy Group

Workforce Accommodations: One Workforce Accommodation – Parsnip Lodge

— Project Right-of-Way (Section 3)

● Workforce Accommodation Site

◆ Storage Area (Where construction equipment and materials are stored)

□ Kilometre Post Markings (KP)



Key activities:

- Construction ongoing including access, clearing, grubbing, and grading
- Heli-logging and machine clearing ongoing between KP 140-172
- Access road and bridge upgraded
- Mobilized tunnel boring machine and preparing site for Crooked River Direct Pipe Installation (DPI)
- Completed expansion of Parsnip Lodge

Look ahead*:

- Begin mainline work
- Begin tunneling Crooked River DPI
- Increased traffic to transport pipe from storage sites to project route
- Drone, burning and controlled blasting activities as required

**All schedules are subject to change*

Did you know?

At Coastal GasLink, we recognize that water is a highly valued resource and how we navigate water crossings matters to local and Indigenous communities. That's why we use advanced engineering methods to safely construct around and across water bodies. Learn more about how we cross water bodies safely at [CoastalGasLink.com](https://www.coastalgaslink.com).

4 Section 4: Monthly Construction Update

At a glance:



100%

cleared, includes right-of-way and ancillary sites



91%

of grading completed



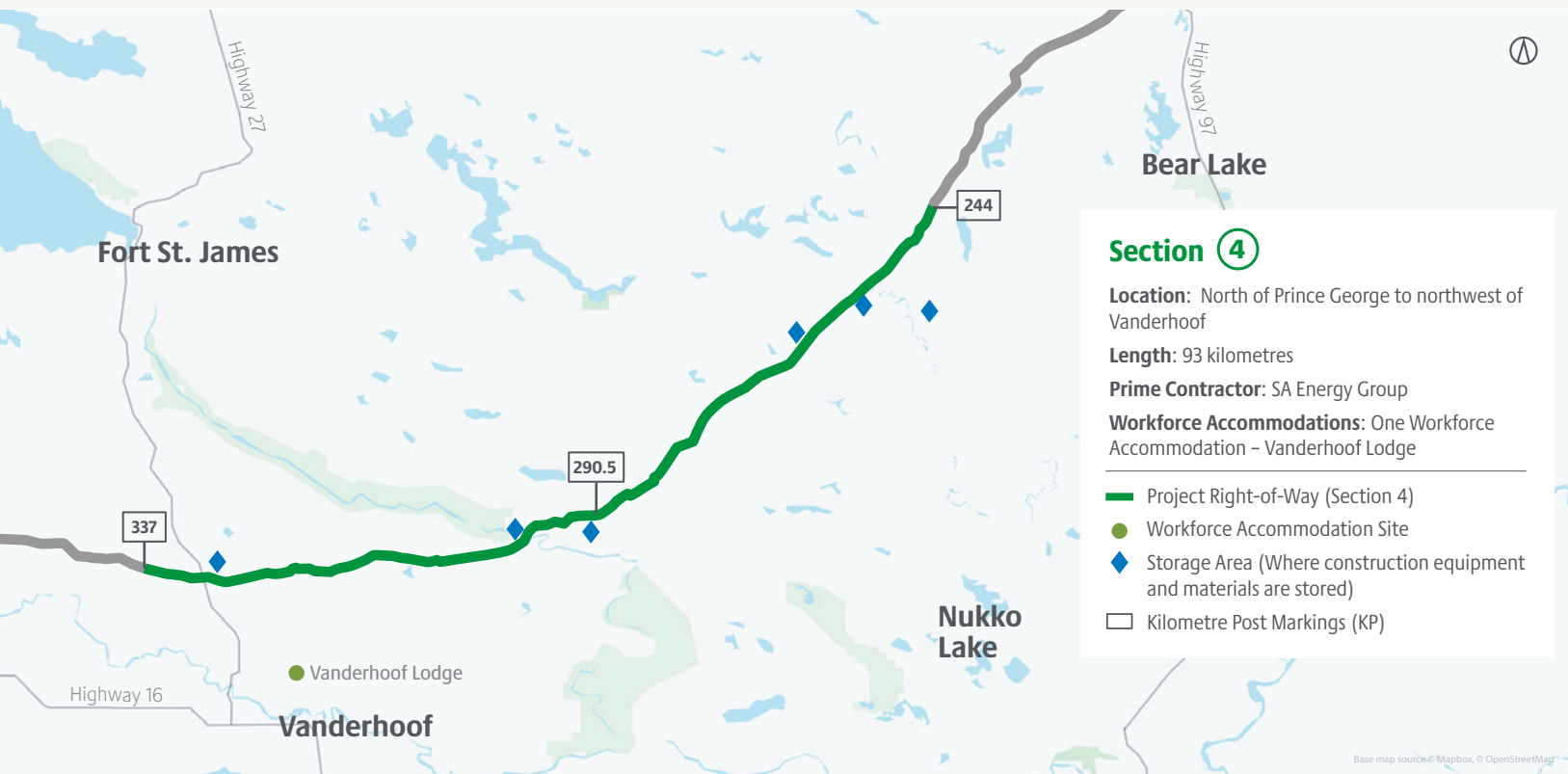
55%

of pipe installed, includes activities from stringing through to backfilling



630

workers at Vanderhoof Lodge



Key activities:

- Construction ongoing including grading, stringing, bending, welding, coating, trenching, lowering in and backfill
- Mobilized tunnel boring machine and preparing site for Stuart River Direct Pipe Installation (DPI)

Look ahead*:

- Mainline work ongoing
- Begin tunneling Stuart River DPI
- Increased traffic to transport pipe from storage sites to project route
- Drone activities as required

**All schedules are subject to change*

Did you know?

We continue to follow Dr. Bonnie Henry's guidance and work with Northern Health as we progress construction activities. We have dedicated, 24/7 on-site medical services within all our lodges and worksites, reduced occupancy at all workforce sites, enhanced mandatory pre-screening and daily temperature checks. Learn about our on-site medical service provider, International SOS and the measures we have in place by visiting CoastalGasLink.com/Safety.

5 Section 5: Monthly Construction Update

At a glance:



100%

cleared, includes right-of-way and ancillary sites



24%

of grading completed



1.3%

of pipe installed, includes activities from stringing through to backfilling



113

workers at Little Rock Lake Lodge

Section 5

Location: North of Vanderhoof to south of Burns Lake

Length: 82 kilometres

Prime Contractor: Pacific Atlantic Pipeline Construction Inc. (PAPC)

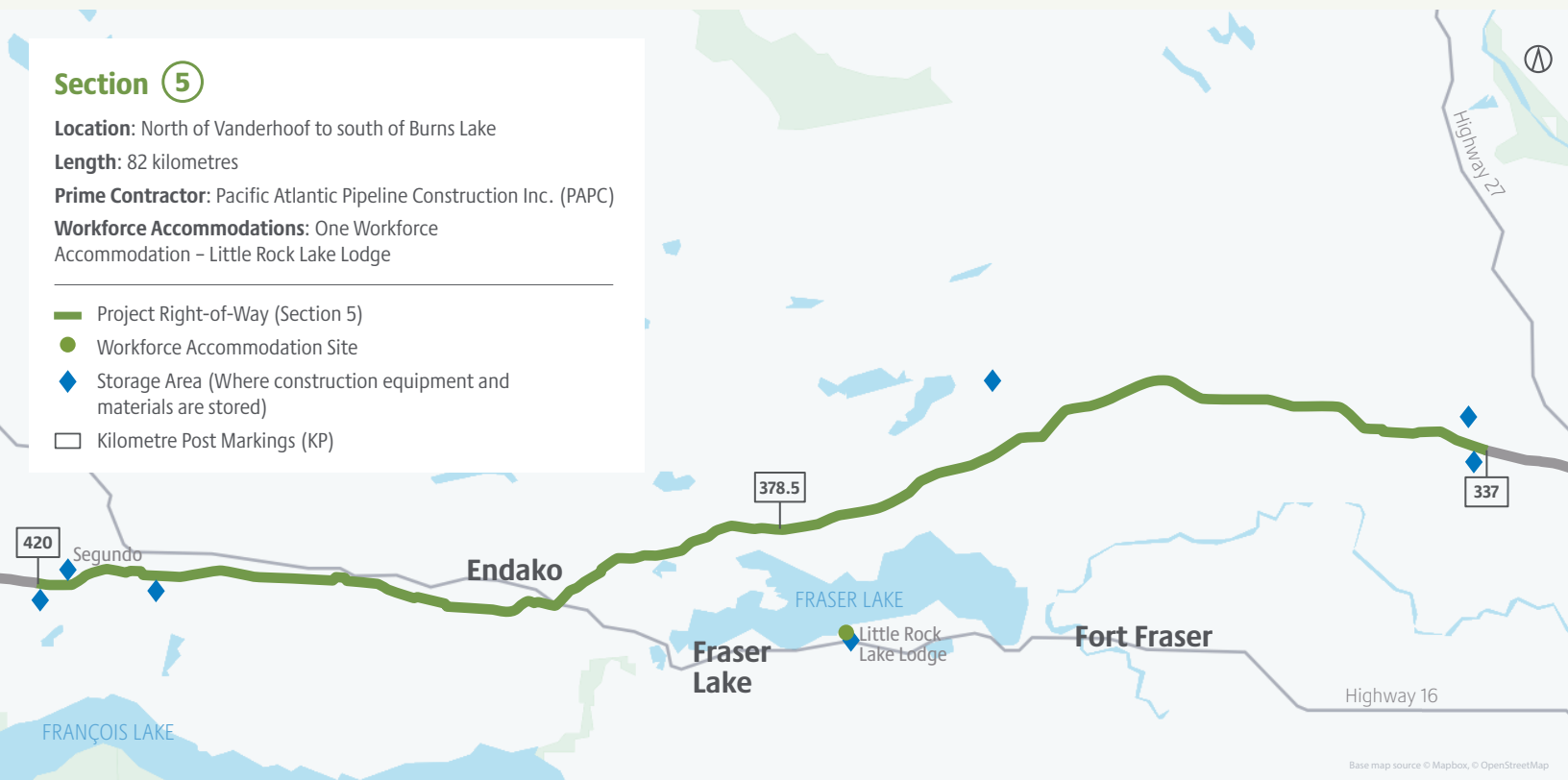
Workforce Accommodations: One Workforce Accommodation – Little Rock Lake Lodge

— Project Right-of-Way (Section 5)

● Workforce Accommodation Site

◆ Storage Area (Where construction equipment and materials are stored)

□ Kilometre Post Markings (KP)



Key activities:

- Ongoing construction of Little Rock Lake Lodge main phase and mat placement at Segundo Laydown storage site
- Ongoing access, grubbing, grading and stringing

Look ahead*:

- Continue access, grubbing and grading works at Little Rock Lake Lodge
- Continue access, grubbing, grading and stringing, and commence other mechanical works
- Increased traffic from storage sites to project route to transport pipe
- Drone activities as required

**All schedules are subject to change*

Did you know?

Depending on terrain and other contributing factors, the sequence of **pipeline construction stages**, such as trenching; stringing and bending; welding and coating; and lowering and tie-ins, can vary.

6 Section 6: Monthly Construction Update

At a glance:



99%
cleared, includes
right-of-way and
ancillary sites



33%
of grading
completed



7.7%
of pipe installed, includes
activities from stringing
through to backfilling



494
workers at 7 Mile
Lodge

Section 6

Location: South of Burns Lake to south of Houston

Length: 85 kilometres

Prime Contractor: Pacific Atlantic Pipeline Construction Inc. (PAPC)

Workforce Accommodations: One Workforce Accommodation – 7 Mile Lodge

- Project Right-of-Way (Section 6)
- Workforce Accommodation Site
- Storage Area (Where construction equipment and materials are stored)
- Kilometre Post Markings (KP)



Key activities:

- Ongoing bending, welding, and coating; preparations continue for trenching and lowering-in
- Ongoing access, grubbing, grading and stringing
- Continued sediment and erosion control monitoring, access preparation and parking area preparation at 7 Mile Lodge
- Pipeline construction corridor grubbing and grading continued, with blasting where required

Look ahead*:

- Continue access, grubbing, grading and stringing
- Commence trenching, lowering-in, backfilling and first in-stream works
- Continue 7 Mile Lodge main construction phase development
- Increased traffic to transport pipe from storage sites to project route
- Drone and controlled blasting activities as required

**All schedules are subject to change*

7 Section 7: Monthly Construction Update

At a glance:



34%

cleared, includes right-of-way and ancillary sites



0%

of grading completed



0%

of pipe installed, includes activities from stringing through to backfilling



104

workers at Huckleberry Lodge

Section 7

Location: South of Houston to north of Morice Lake

Length: 78 kilometres

Prime Contractor: Pacific Atlantic Pipeline Construction Inc. (PAPC)

Workforce Accommodations: One Workforce Accommodation – Huckleberry Lodge

- Project Right-of-Way (Section 7)
- Workforce Accommodation Site
- Storage Area (Where construction equipment and materials are stored)
- Kilometre Post Markings (KP)



Key activities:

- Ongoing civil and access works at Huckleberry Lodge
- Counterboring and site expansion at Houston storage site
- Started geotechnical and geophysical investigation work to support design development
- Ongoing right-of-way clearing

Look ahead*:

- Continue project route clearing on multiple work fronts
- Continue pipe counterboring and civil and access works at Huckleberry Lodge
- Advance geotechnical and geophysical investigation work to support design development
- Increased traffic to transport pipe from storage sites to project route
- Drone and controlled blasting activities as required

**All schedules are subject to change*

8 Section 8: Monthly Construction Update

At a glance:



71%

cleared, includes right-of-way and ancillary sites



37%

of grading completed



2.6%

of pipe installed, includes activities from stringing through to backfilling



540

workers at Sitka Lodge, Hunter Creek Lodge and 9A Lodge

Section 8

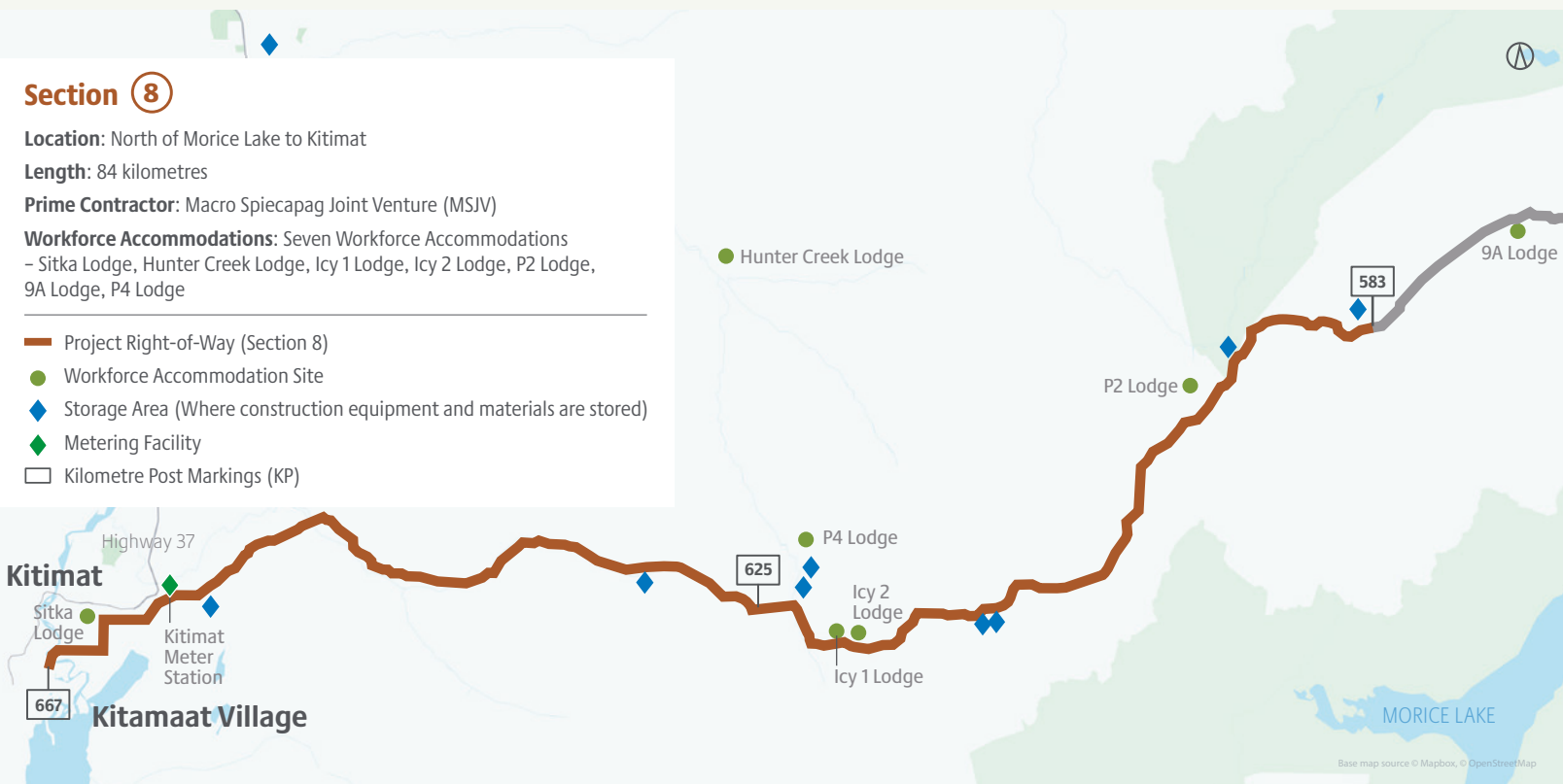
Location: North of Morice Lake to Kitimat

Length: 84 kilometres

Prime Contractor: Macro Spiecapag Joint Venture (MSJV)

Workforce Accommodations: Seven Workforce Accommodations – Sitka Lodge, Hunter Creek Lodge, Icy 1 Lodge, Icy 2 Lodge, P2 Lodge, 9A Lodge, P4 Lodge

- Project Right-of-Way (Section 8)
- Workforce Accommodation Site
- ◆ Storage Area (Where construction equipment and materials are stored)
- ◆ Metering Facility
- Kilometre Post Markings (KP)



Key activities:

- Continued stringing and crossing installation along the west and central area; ongoing clearing, blasting, grading, and sediment and erosion control in the east
- Ongoing clearing in Kitimat area and burning near Cable Crane Hill
- Cable Crane tower, guide line and winch house setup
- Workforce accommodation installation at 9A Lodge and platform construction at P2 Lodge

Look ahead*:

- Continue trap installation at LNG Canada Connector site
- Continue pipeline construction corridor preparation on west side, as well as work at 9A Lodge and P2 platform and grading in east area of Section 8
- Traffic interruptions and re-routes expected for open cut work taking place on Wathl Creek Forest Service Road
- Drone, burning and controlled blasting activities as required
- Increased traffic to transport pipe from storage sites to project route

**All schedules are subject to change*

Kitimat Meter Station

Key activities:

- Continued high pressure piping installation, welding and backfill
- 72 large bore welds completed on-site
- Continued installation and connections of the metering and instrumentation skids

Look ahead*:

- Complete all high pressure piping installation, welding and backfill
- Work on civil rough grading and installation of riprap on slopes prior to winter shutdown
- Complete installation of storage building

**All schedules are subject to change*



Photo of the month

The Construction Monitoring and Community Liaison Program provides opportunities for Indigenous community members to participate in construction within their traditional territory. Their role is to observe, record and report back to their communities on construction activities and how we are meeting our commitments. Earlier this month, we also shared how the program helps enhance environmental and cultural preservation as well as cross-cultural education and understanding, including about wild plants that play a role in traditional healing. Read more about it at CoastalGasLink.com.



About Coastal GasLink's Construction Updates

Our construction updates include information on recent progress, activities that we expect over the next month and detailed section maps that help communicate where project infrastructure is located and where activities are happening.

Check us out!

Find information, such as Construction Updates and an interactive map, on CoastalGasLink.com.

Keep in touch and learn more

We want to make sure you have access to the information you need about the project. Here are the many ways you can reach out and learn more:



Visit our website:
CoastalGasLink.com



Follow us on Facebook:
[@CoastalGasLink](https://www.facebook.com/CoastalGasLink)



Sign up to receive our Connector Newsletter: CoastalGasLink.com/contact



Email us:
coastalgaslink@tcenergy.com



Follow us on Twitter:
[@CoastalGasLink](https://twitter.com/CoastalGasLink)



Visit our community office:
Prince George
760 Kinsmen Place

Coastal GasLink

